

DETAILED ACTION

1. This action is responsive to the Applicant's response filed 6/16/09.

As indicated in Applicant's response, claims 1-16, 18-20, 22-23, 25 are pending in the office action. The IDS submitted as per 4/29/09 has also been considered.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
3. Authorization for this examiner's amendment was given in a telephone interview with Dermot Miller, Reg. # 58309 on 8/23-8/27/09.

The application has been amended as follows.

In the **CLAIMS**:

The claims have been amended according to the herein attached Amendment, namely, "Claims Amendments For Enabling Examiner's Amendment" provided as file "AmendM_082809.pdf"

EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

4. Claims 1-8, 10, 12-16, 18-20, 22-23, 25 are allowed.

The following is an examiner's statement of reasons for allowance.

The prior art taken separately or jointly does not suggest or teach the following features, all of which having been discussed in the Interview Summary attached with this Office Action.

A method for tracing and logging via a API wherein a *formatter* is coupled to a *tracing module* and *logging module* and operative initially for formatting messages from the tracing/logging module according to default definition at runtime, (i) the formatter for sending the messages according to a first/default output destination, wherein the output destination is initially stored in a configuration file included with the formatter and inherited by the tracing and logging module from initial configuring whereby the logging/tracing modules are constructed as being subclasses of a controller class, (ii) wherein the formatter is reconfigured during runtime without recompilation of code, to format messages from the logging/tracing module according to a changed format definition in terms of the configuration file receiving change to the initial default format, and based a method call performed by one of the logging or tracing module during runtime to store a second output destination in the configuration file so to assign the second destination output to said logging/tracing module, whereby the formatter is automatically operating to send formatted messages based on the data assigning said second output destination to the logging/tracing module, as set forth in amended claims 1, 10, 16, 20 and 23.

The reference of record, **Hart**, "Utilities :the Logging Architecture" (in view of Java.Util. Package) discloses a logging API using Java Utils package using a script to set up handlers, severity level and methods invoking a formatter, but does not teach or suggest default configuration file included with the formatter, and having a first output destination which is inherited by the logging/tracing class upon their initial configuration constructing them as subclass of a controller class, where the default first output destination is stored in said configuration file and can be rewritten into this configuration file at runtime as a result of method invoked by the logging or tracing module, so that the formatter is reconfigured to send formatted

messages according to the runtime change format definition and to the configuration file having data assigning the second output destination; as set forth in (i) and (ii).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan A Vu whose telephone number is (571) 272-3735. The examiner can normally be reached on 8AM-4:30PM/Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lewis Bullock can be reached on (571)272-3759.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-3735 (for non-official correspondence - please consult Examiner before using) or 571-273-8300 (for official correspondence) or redirected to customer service at 571-272-3609.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Tuan A Vu/

Primary Examiner, Art Unit 2193

August 29, 2009